Broaden your HD horizons

POWERFUL PC PERFORMACE

Intel® Core™ 2 Duo P7350 processor (2.0GHz[1]) with Intel® Centrino® 2 processor technology and 4GB of pre-installed system memory.

The VAIO® FW notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64-bit[14] .

Built-in Wireless-N technology offers a boost in wireless connection speed and range[3] .

BORN FROM SONY® HD TECHNOLOGY.

Fall in love with your favorite movies all over again with an extra-wide, theater inspired 16.4"[4] display.

XBRITE-ECO™ LCD technology delivers razor-sharp details and crisp, bold colors.

The 16:9 aspect ratio ensures that you won't miss an inch of the original picture from your favorite movie while also providing valuable extra workspace. Compare two documents or websites side-by-side without the hassle of having to tab back and forth.

A Blu-ray Disc™ optical drive lets you playback[18] HD Blu-ray Disc™ movies in crystal-clear resolution as well as playback and record CDs and DVDs.

An HDMI™ output provides single-cable full 1080HD connectivity (audio and video) to a compatible HDTV (required HDMI cable sold separately)[16] ..

ATI Mobility Radeon™ 4650HD Graphics with 1GB video memory.

MULTIMEDIA FEATURES

Now there's a fast, easy way to produce your own high-quality home movies and slideshows. Sony's VAIO® Movie Story software breaks complex movie production into three simple steps, freeing you from tedious hours spent mastering difficult and expensive video editing software.

VAIO® MusicBox offers a fun and new way to enjoy music - based on your mood. Just turn it loose on your stored music and VAIO MusicBox will quickly categorize your collection based on mood.

Easily import and burn your personal videos to DVD with Sony's Click to Disc software. Or, take it a step further and edit your personal movies with Click to Disc Editor software.

VAIO Media plus lets you wirelessly stream the entertainment stored on your VAIO PC (music, photo, and videos) throughout your home network.

ENDLESS FEATURES

Store your favorite multimedia, important documents, and cherished family photos on the roomy 320GB[2] (7200 rpm) Serial ATA hard disk drive.

The VAIO® FW notebook, designed with dedicated AV Controls, makes navigating through your favorite multimedia quick and easy.

Stay connected to colleagues, friends and family with real-time video conferencing [17] using the integrated MOTION EYE® camera and microphone.

Featuring an extra-wide 16.4"[4] XBRITE-ECO™ LCD display. Great for viewing Blu-ray Disc™ movies[18] or two web sites side-by-side. Minimizes those annoying black bars you see when playing widescreen movies. Powered by the energy-efficient and super-powerful Centrino® 2 Processor Technology.

VGN-FW460J/H

VAIO® FW Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S1, DVD Play, A/V Mode, Volume - / +, Play / Pause / Stop, WLAN / Bluetooth® on / off
Pointing Device: Electro-static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.0mm stroke and 19.05mm pitch
Camera: Built-in MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo processor P7350
Speed: 2.0GHz[1]
Front Side Bus Speed: 1066MHz
L2 Cache: 3MB
Technology: Intel® Centrino® 2 processor technology

Memory

Type: DDR2 SDRAM
Installed: 4GB PC2-6400 (2GBx2)
Maximum: 8GB
Speed: 800MHz

Hard Drive

Capacity: 320GB[2]
Speed: 7200rpm
Interface: Serial ATA

Optical Drive

BD-R DL Read: 2x max
BD-R Read: 4x max
BD-RE DL Read: 2x max
BD-RE Read: 2x max
BD-ROM Read: 4x max
Blu-ray Disc™ Support: Read Only (BD-ROM)[18]
CD Support: Read / Write (CD/-R/-RW)
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (STD / Duo) media slot with MagicGate® functionality

One ExpressCard® / 34 media slot

One Secure Digital (SD memory card) media slot

Audio

Sound System: Dolby Sound Room® Audio

Display

Screen Size: 16.4"[4]
Resolution: 1600 x 900
XBRITE-ECO™ Technology: Yes

Graphics

Processor: ATI Mobility Radeon™ HD 4650 with Total Available Graphics Memory of 2790MB (max.)[13]
Video RAM: 1GB dedicated Video RAM
Chipset: Mobile Intel® PM45 Express Chipset
Max. External Resolution via VGA: 2048 x 1536
Max. External Display Resolution via HDMI™ ouput/cable: 1920 x 1080[16]

Inputs and Outputs

Modem Jack: 1
Microphone Input: 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[7]
Headphone Output(s): 1
Ethernet Connection (s): 1
HDMI™ Output: 1[16]

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)
Ethernet Speed: Fast Ethernet (RJ-45)
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology (2.1 + EDR)[12]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13/S)
Estimated Battery Life: Up to 4.0 hours[8] Standard Capacity Battery
Up to 6.0 hours[8] Large Capacity Battery
Power Requirements: 110W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit[14]
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[11]
The VAIO® Software Experience: VAIO® Startup Assistant
VAIO® Care
VAIO® Multimedia Suite: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Anti-Virus & Recovery Software: Norton Internet Security™ 2009 30-Day Trial Offer[15]

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[10].
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[24]. See actual warranty for details.

Environmental Information

EPEAT™ : Silver
RoHS®: Compliant
ENERGY STAR®: 5.0

Dimensions

Weight: 6.9 lbs[5] (with standard capacity battery)
Measurements: 15.1"(W) x 1.14-1.46"(H) x 10.3"(D)[5,6]

Supplied Accessories

Standard Capacity Lithium-ion battery (VGP-BPS13/S)
AC Adapter
Power Cable

Optional Accessories

Large Capacity Battery (VGP-BPL13)
Additional Standard Capacity Battery (VGP-BPS13A/B)
Stick AC Adapter (VGP-AC19V30)
AC Adapter (VGP-AC19V31)
Neoprene Case (VGP-AMC7)
Classic Messenger Bag (VGP-AMB10/R)
Bluetooth® Laser Mouse[12] (VGP-BMS33/B)
Deluxe Messenger Bag (VGP-AMB11/L)
Urban Messenger Bag (VGP-AMB12)

Color: Titanium Gray
UPC Code: 027242772595

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Non-metric weights and measures are approximate and may vary.
6. Measured at the narrowest point.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
9. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913
10. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
11. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
12. Interoperability and compatibility among Bluetooth® devices varies.
13. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
14. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
15. Norton Internet Security™ 2009 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. You can activate in the Sony VAIO Startup Assistant or by double clicking the Norton Internet Security icon on your desktop. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
16. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
17. Broadband Internet service required along with third party services which may require a subscription or other service fee.
18. Certain circumstances may limit/prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from http://esupport.sony.com/EN/DRIVERS.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. This product meets Energy Star guidelines for energy efficiency. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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